



Local Situation Report

Prepared: July 27, 2012 @ 0600

Local	GACC	Nat'l
4	4	3

Today's Fire Danger
High/Very High

INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
CMX	Truck	2.0	H	Contained	T43N,R71W, Sec 22	Campbell County responded w/ assistance from WY-MBF E-492.

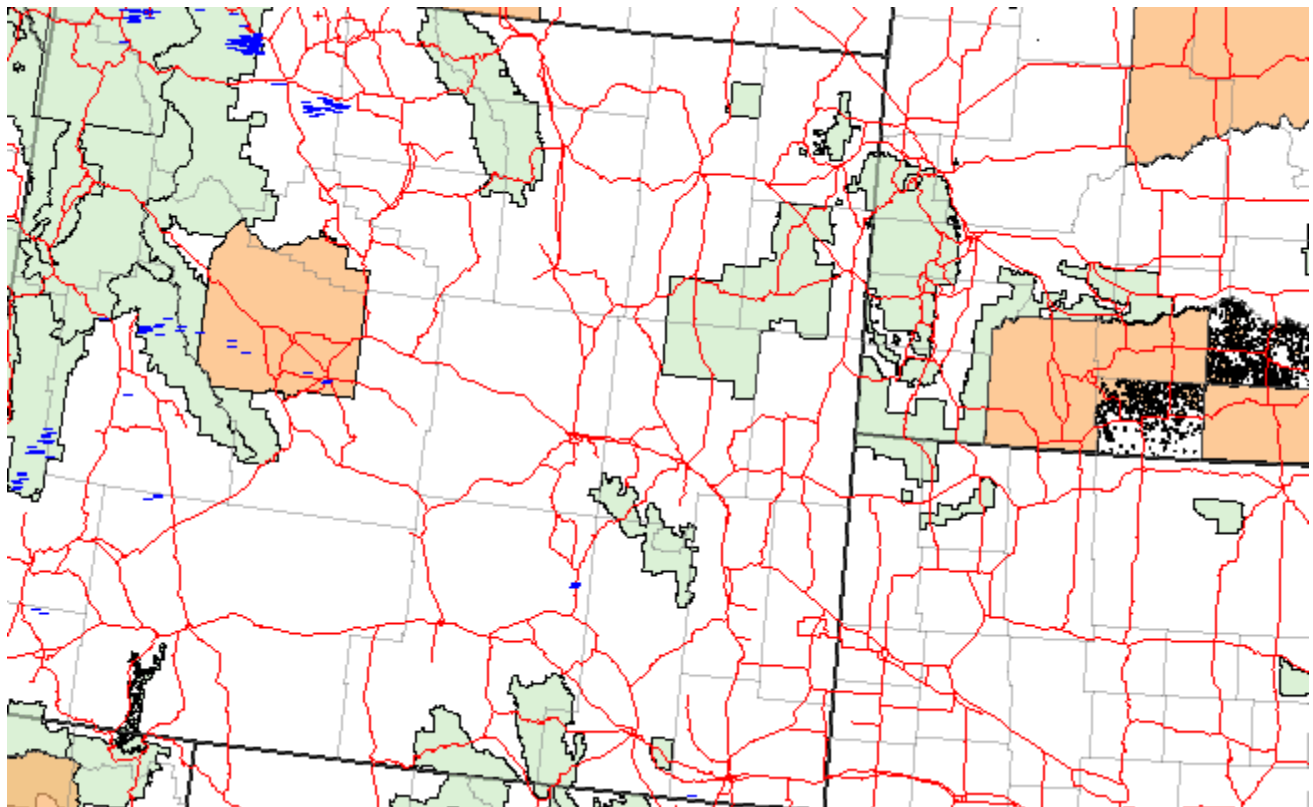
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>
MBF	Community	.25	L	Control	T47N,R64W, Sec 13	Weston County Responded contained and controlled incident.

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

Relatively quiet yesterday w/ one false alarm and two fires reported. Warming trend will continue, chance of thunderstorms predicted today.

Lightning Map (last night):



INDICES (forecasted / actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted	Actual
Echeta	BI	82	
Rochelle Hills	BI	18	
Rochelle Hills	ERC	50	
Poker Creek	ERC	68	
Casper Mtn	ERC	67	
Fales Rock	BI	80	
Esterbrook	ERC	17	
Sawmill Park	ERC	45	

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Williams
	FS - Saratoga	Hood
	FS - Douglas	Rogge
	BLM	Ellis
	State	Graham
	FS – MBF NF	Bentley

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Available at Duncan	
	3BH (Rawlins) BLM		
	8MC (Ft. Wash) BIA		

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0545	2032	2102
Casper	0552	2031	2101
Glenrock	0551	2029	2059
Laramie	0553	2024	2054

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WY-PLX	04/03/12		Platte County Burn Ban
WY-WEX	05/01/12		Weston County under open Burn Restrictions
WY-ALX	06/15/12		Albany County
WY-NAX			Natrona County

Weather Discussion

Discussion: Zone 307
Medicine Bow N.F.

.DISCUSSION...A UPPER LEVEL TROUGH WILL MOVE INTO THE GREAT BASIN TODAY WITH AN UPPER RIDGE PARKED OVER THE HIGH PLAINS. SUBTROPICAL MOISTURE OVER THE SOUTHWEST WILL BE DRAWN NORTHEAST INTO WYOMING. AN UPPER LEVEL WEATHER DISTURBANCE RIDING OVER THE TOP OF THE RIDGE WILL ENHANCE THE LIFT FOR SCATTERED SHOWERS AND THUNDERSTORMS THIS AFTERNOON AND EVENING. MOST OF THE ACTIVITY WILL BE HIGH-BASED WITH THE POTENTIAL FOR GUSTY OUTFLOW WINDS TO 40 MPH. THE MOISTURE WILL BE CONFINED TO COLORADO SATURDAY WITH THE SOUTHERN MOUNTAINS OF WYOMING SUBJECT TO WIDELY SCATTERED SHOWERS AND THUNDERSTORMS. MOISTURE AND ANOTHER UPPER LEVEL WEATHER DISTURBANCE WILL MOVE ACROSS THE DISTRICTS WITH BETTER CHANCES FOR SHOWERS AND THUNDERSTORMS. MINIMUM RELATIVE HUMIDITIES WILL RANGE BETWEEN 15 AND 25 PERCENT EACH DAY. A TREND TOWARD DRIER AND WARMER WEATHER WILL RETURN EARLY NEXT WEEK AS THE SUBTROPICAL MOISTURE PLUME SHIFTS TO THE SOUTH.

		Today	Tonight
Sky WX		MOSTLY SUNNY UNTIL 1200...THEN MOSTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AFTER 1200.	MOSTLY CLOUDY UNTIL 2400...THEN PARTLY CLOUDY. CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL 2400.SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL 2400.
MAX Temp	Valleys:	72-80.	48-54.
	Ridges:		
Min. RH	Valleys:	19-25 PERCENT	73-79 PERCENT.
	Ridges:		
Winds	20 Ft. Winds	SOUTHWEST AROUND 10 MPH WITH HIGHER GUSTS.	SOUTHWEST 10 TO 15 MPH AND GUSTY.
	Transport winds	SOUTHWEST AROUND 15 MPH.	
LAL:		1 UNTIL 1200...THEN 4.	3 UNTIL 2400...THEN 1
Chance of Rain:		10 PERCENT	10 PERCENT
Haines:		5	SOUTHWEST AROUND 15 MPH.

Weather Discussion

Discussion: Zone 301

Niobrara /lower elevations of Converse County/TBNG

.DISCUSSION...A UPPER LEVEL TROUGH WILL MOVE INTO THE GREAT BASIN TODAY WITH AN UPPER RIDGE PARKED OVER THE HIGH PLAINS. SUBTROPICAL MOISTURE OVER THE SOUTHWEST WILL BE DRAWN NORTHEAST INTO WYOMING. AN UPPER LEVEL WEATHER DISTURBANCE RIDING OVER THE TOP OF THE RIDGE WILL ENHANCE THE LIFT FOR SCATTERED SHOWERS AND THUNDERSTORMS THIS AFTERNOON AND EVENING. MOST OF THE ACTIVITY WILL BE HIGH-BASED WITH THE POTENTIAL FOR GUSTY OUTFLOW WINDS TO 40 MPH. THE MOISTURE WILL BE CONFINED TO COLORADO SATURDAY WITH THE SOUTHERN MOUNTAINS OF WYOMING SUBJECT TO WIDELY SCATTERED SHOWERS AND THUNDERSTORMS. MOISTURE AND ANOTHER UPPER LEVEL WEATHER DISTURBANCE WILL MOVE ACROSS THE DISTRICTS WITH BETTER CHANCES FOR SHOWERS AND THUNDERSTORMS. MINIMUM RELATIVE HUMIDITIES WILL RANGE BETWEEN 15 AND 25 PERCENT EACH DAY. A TREND TOWARD DRIER AND WARMER WEATHER WILL RETURN EARLY NEXT WEEK AS THE SUBTROPICAL MOISTURE PLUME SHIFTS TO THE SOUTH.

		Today	Tonight
Sky WX		MOSTLY SUNNY UNTIL 1200...THEN PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AFTER 1200.	PARTLY CLOUDY. SLIGHT CHANCE OF SHOWERS AND THUNDERSTORMS UNTIL 2400. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL 2400.
MAX Temp	Valleys:	91-96.	61-66.
	Ridges:		
Min. RH	Valleys:	14-20 PERCENT.	61-67 PERCENT.
	Ridges:		
Winds	20 Ft. Winds	SOUTH 10 TO 15 MPH WITH HIGHER GUSTS.	SOUTHWEST UP TO 10 MPH. GUSTS UP TO 25 MPH IN THE EVENING.
	Transport	SOUTHEAST AROUND 15 MPH.	SOUTHWEST AROUND 10 MPH.
LAL:		1 UNTIL 1200...THEN 3.	3 UNTIL 2400...THEN 1.
Chance of Rain:		5 PERCENT.	5 PERCENT
Haines:		5	5

Weather Discussion

Discussion:

Natrona Co/Casper BLM (ZONES 280,281,285,289 AND 300)

ISOLATED TO WIDELY SCATTERED THUNDERSTORMS ARE EXPECTED ACROSS THE DISTRICT TODAY AS A MID LEVEL MOISTURE PLUME AND AN UPPER LEVEL DISTURBANCE MOVE ACROSS THE AREA. MOST OF THE STORMS WILL BE WET OVER THE HIGHER TERRAIN WITH MIXED WET AND DRY STORMS BELOW 7500 FEET. SOME OF THE STRONGER STORMS COULD PRODUCE VERY STRONG AND ERRATIC DOWNBURST WINDS. ISOLATED LATE DAY THUNDERSTORMS ARE EXPECTED THROUGH THE WEEKEND AS A SERIES OF UPPER LEVEL DISTURBANCES PARADE ACROSS THE TOP OF THE RIDGE OVER THE ROCKIES...BUT MID LEVEL MOISTURE WILL BE LIMITED SO ACTIVITY WILL BE MUCH LESS THAN WHAT IS EXPECTED TODAY AND TONIGHT. WARM AND DRY WEATHER IS EXPECTED NEXT WEEK AS THE RIDGE ELONGATES.

		Today	Tonight
Sky WX		PARTLY CLOUDY. INTERMITTENT SPRINKLES UNTIL 1200...THEN ISOLATED RAIN SHOWERS AND DRY THUNDERSTORMS. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS AFTER 1200.	PARTLY CLOUDY. ISOLATED RAIN SHOWERS AND DRY THUNDERSTORMS UNTIL 2400...THEN INTERMITTENT SPRINKLES AND ISOLATED THUNDERSTORMS. SOME THUNDERSTORMS MAY PRODUCE GUSTY WINDS UNTIL
MAX Temp	Valleys:	88-93.	60-65.
	Ridges:		
Min. RH	Valleys:	10-16 PERCENT.	53-59 PERCENT
	Ridges:		
Winds	20 Ft. Winds	UPSLOPE/UPVALLEY 5-9 MPH UNTIL 1200...THEN SOUTHWEST AROUND 10 MPH AND GUSTY.	WEST WINDS AROUND 10 MPH AND GUSTY UNTIL 2100...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.
	Ridges	SOUTHWEST 10 TO 15 MPH.	NORTHWEST 10 TO 15 MPH UNTIL 0300...THEN SOUTHWEST.
LAL:		1 UNTIL 1200...THEN 3.	3 UNTIL 2400...THEN 2.
Chance of Rain:		LESS THAN 5 PERCENT	LESS THAN 5 PERCENT.
Haines:		5	5